

APR 12 2010

**IN THE UNITED STATES**  
**PATENT AND TRADEMARK OFFICE**

Attorney Docket No.: Poly-50/APP

Applicants: Stephen ARNOLD, et al.

Serial No.: 10/768,977

Confirmation No.: 4537

Filing Date: January 30, 2004

Title: **DNA OR RNA DETECTION AND/OR QUANTIFICATION USING  
SPECTROSCOPIC SHIFTS OF TWO OR MORE OPTICAL CAVITIES**

Examiner: Robert Thomas Crow

Group Art Unit: 1634

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

In response to the Notice of Non-Compliant Amendment mailed on March 10, 2010 (Paper No. 20100304), which set a period for response to expire on April 10, 2010, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.